

AMENDATORY SECTION (Amending WSR 06-12-075, filed 6/6/06, effective 1/1/07)

**WAC 296-17-580 Classification 3402.**

**~~(( 3402-84 Metal goods manufacturing, N.O.C.~~**

~~This classification applies to all establishments engaged in the manufacture of metal products not covered by another classification (N.O.C.), the manufacturing of metal products by die casting, and battery manufacturing. Types of metals used include, but are not limited to, aluminum, stainless, iron, steel, copper and brass. Metal materials used vary in size, shape and dimension. Some of the more common types are sheet, flat bar, plate, angle, solid, channel, I beams, and hollow stock. Typical types of machinery used would include, but not be limited to, drills, mills, lathes, saws, welders, brake presses, iron workers, boring mills, paint booths, sandblasting booths, hoists, shears, grinders, baking ovens and some computer numeric controlled machinery. This classification includes the repair of items being manufactured when done by employees of the employer having operations subject to this classification when the repair is done as part of, and in connection with, manufacturing operations.~~

~~This classification excludes repairs to buildings and structures which are to be reported separately in the appropriate construction classification, firms which machine or manufacture metal products primarily with computer numeric controlled machinery which are to be reported in 3405, and the installation of machinery which is to be reported in the applicable risk classification.~~

**~~3402-89 Metal products assembly, N.O.C.~~**

~~This classification applies to establishments engaged in the assembly of machinery, or metal products or equipment that are not engaged in the manufacture or fabrication of the composite parts. Establishments assigned to this classification will purchase all of the parts used in the assembly of goods from other nonrelated businesses. This classification includes the repair of the product that they are assembling provided the repair activities are limited to replacement of parts purchased from others and does not involve the manufacture, fabrication or machining of parts.~~

**~~3402-90 Machine shop services, N.O.C.~~**

~~This classification applies to establishments that are involved in activities such as but not limited to, welding~~

~~services, multimedia blasting in shop, small engine repair, saw and knife sharpening, heat treating and gear grinding. This classification also includes "mobile shops" which are used exclusively to repair machinery or equipment. A "mobile shop" in this classification usually means a van or pickup pulling a utility trailer equipped with hand tools, air tools, a compressor, and a portable welding unit. The machinery or equipment is usually repaired at the customer's location, however, sometimes the broken part is removed and taken back to the shop for repair. If a firm is involved in any fabrication or manufacturing operations then the applicable manufacturing classification shall be assigned.~~

~~This classification excludes repairs to buildings and structures which are to be reported separately in the appropriate construction classification, mechanical repairs of industrial machinery and construction equipment which are to be reported separately in 6409, and mechanical repairs to passenger vehicles which are to be reported separately in 3411.)~~) **3402-00**

**Air compressor: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of air compressors. This includes air or gas compressors used for paint sprayers, air tools, tire inflation, and general industrial purposes. Operations contemplated include, but are not limited to, welding, machining, general mechanical and electrical work. Machinery and equipment includes, but is not limited to, hand and air tools, welders, punches, shears, and compression equipment. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3402-01 Printing or bookbinding machinery: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of printing or bookbinding machinery. The outside casings of the machines may be made of plate metal that varies between 1" to 2 1/2" in thickness. The machines used to make the presses and binding machinery may include both Computer Numeric Controlled (CNC) and manual mills and lathes. Other machinery used in the manufacturing process includes, but is not limited to, welders or cutters, grinders, and drill presses. This classification includes the repair of items being manufactured or assembled when done by employees of an employer

having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; and the set up, installation and repair of printing or bookbinding machinery which is to be reported separately in classification 0603.

**3402-02 Pump, safe, scale, auto jack, and water meter: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of pumps, safes, scales, auto jacks, and water meters. Materials range from brass screws and rubber washers used to rebuild water meters to plate metal and steel castings used for safe and pump manufacturing. Machinery includes, but is not limited to, hand tools used for repairs, lathes, welders, and pressure testers. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; the installation and repair of safes which is to be reported separately in classification 0607; and the installation of pumps which is to be reported separately in the applicable classification.

**3402-03 Shoe or textile machinery: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of shoe machinery or textile machinery. Metal materials used vary in size, shape and dimension. Machinery includes, but is not limited to, drills, mills, lathes, saws, and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and the installation and repair of shoe or textile machinery which is to be reported separately in classification 0603.

**3402-04 Confectioners or food processing machinery:  
Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of food processing or confectioners machinery. Metal materials used vary in size, shape and weight. These establishments often have an assembly line operation and a separate electronic assembly area. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and the installation and repair of confectioners and food processing machinery which is to be reported separately in classification 0603.

**3402-05 Machine shops, N.O.C.**

Applies to establishments engaged in general machine shop operations not covered by another classification (N.O.C.), tool sharpening, and mobile welding shops. Many of the establishments in this classification are "job shops." Size and shape of materials vary with steel and aluminum being the most common. Plastics, light weight aluminum, and alloyed metals are becoming increasingly popular in the manufacture of equipment for some industries. These establishments often have welding shops along with machine shops. Machinery and equipment includes, but is not limited to, mills, lathes, grinders, saws, welding equipment, inspection equipment, and material handling equipment. Machinery is both manual and Computer Numeric Controlled (CNC). This classification also includes "mobile shops" which are used exclusively to repair machinery or equipment. A "mobile shop" in this classification usually means a van or pick up pulling a utility trailer equipped with hand tools, specialty tools, air tools, a compressor, and a portable welding unit. The machinery or equipment is usually repaired at the customer's location, however, sometimes the broken part is removed and taken back to the shop for repair.

This classification excludes repairs to buildings and structures which are to be reported separately in the appropriate construction classification, and mechanical repairs which are to be reported separately in the classification applicable to the work being performed.

**Special note:** The term "job shop" is an industry term that means the shop will produce products to customer specifications.

**3402-06 Power saw, lawn and garden equipment, small motor,**

### **N.O.C.: Repair**

Applies to establishments engaged in repairing small power tools, small motors powered by gas or diesel, outboard marine engines, and lawn and garden equipment not covered by another classification (N.O.C.). The largest piece of equipment repaired in this classification is generally a riding lawn mower. Classification 3402-06 is assigned in conjunction with a store classification for establishments that have a store operation and also repair the type of items they sell. Classification 3402-06 may also be assigned to a manufacturers representative who performs warranty repairs. Tools used in this type of repair are mainly hand and air tools. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and the repair of electrical motors which is to be reported separately in classification 5201.

### **3402-07 Gear: Manufacturing or grinding**

Applies to establishments engaged in the manufacture or grinding of gears. Establishments in this classification may also cut key slots and broaches. Establishments that cut stock to manufacture the gear are often not the same ones that perform the final grinding process. Gears may go through two, three, or four different grinding, slotting, and/or keying establishments and then go to another establishment for electroplating or galvanizing before they are ready for sale or use. Precision machine shops may grind gears to the ten thousandths of an inch. Materials used are usually stainless steel, aluminum, or plastic. Machinery includes, but is not limited to, gear shapers, drill presses, mill, hobbers, grinders, some of which might be Computer Numeric Controlled (CNC). This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

### **3402-08 Elevator: Manufacturing**

Applies to establishments engaged in the manufacture of elevators and associated electronic components. Machinery includes, but is not limited to, mills, drills, lathes, saws, and grinders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when

the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and the installation, service, and repair of elevators which is to be reported separately in classification 0602.

**3402-11 Metal goods: Manufacturing and shop services (temporary classification)**

Applies temporarily to all establishments assigned any classification within WAC 296-17-580. When the metal goods study is complete, the establishments within this classification will be assigned to the appropriate classifications. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation.

This classification excludes all activities away from the shop or plant.

**3402-12 Multimedia blasting**

Applies to establishments engaged in multimedia (such as, but not limited to, glass, plastic and sand) blasting operations which strip paint or other coatings from metal or fiberglass. Most of the blasting operations in this classification are done on automobiles, but it also applies to establishments that perform blasting on items such as, but not limited to, barbecue grills, and cast iron pieces. Multimedia blasting processes in this classification are performed in a shop, use less air pressure and media with softer finishes than other blasting operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and sandblasting of buildings or structures which is to be reported separately in classification 0504.

**3402-14 Furnace, heater, radiator, wood, propane, or pellet stoves: Manufacturing**

Applies to establishments engaged in the manufacture of furnaces, radiators, wood, propane, or pellet burning stoves or similar heating fixtures. Materials include, but are not limited to, metal cast parts, sheet metal, plate metal, aluminum, or stainless steel. Machinery includes, but is not limited to, hand tools, solder guns, punches, lathes, and saws. Establishments in this classification may have separate areas

for electronic assembly and/or painting. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; establishments engaged in the manufacture of radiators for automobiles or trucks which are to be reported separately in classification 3402-48; and establishments engaged in the manufacture of baseboard heaters which are to be reported separately in classification 3404.

### **3402-16 Die casting**

Applies to establishments engaged in the manufacture of products by die casting. Die casting is a manufacturing process for producing accurately-dimensioned, sharply-defined metal products which are referred to as "die castings." "Dies" are the steel molds used to mass produce the product. The process begins when ingots of various metal alloys are melted in die casting machines. The machine forces the metal into the die under hydraulic or pneumatic pressure. The casting quickly solidifies in the die, and is automatically ejected by the machine, and the cycle starts again. The castings are cleaned by grinding or sanding, which also removes any excess metal "flash." Many die casting manufacturers maintain their own machine shop for making the dies. Die making, when done as a part of die casting operations, is included within the scope of this classification. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; and establishments engaged in making dies for others which are to be reported separately in classification 3402-74.

### **3402-26 Saw blade: Manufacturing, assembly, or sharpening**

Applies to establishments engaged in the manufacture, assembly, or sharpening of saw blades such as, but not limited to, those used in circular saws, band saws, rip saws, keyhole saws, and handsaws such as hacksaws or meat saws. This classification also includes sharpening services for items such as, but not limited to, tools, scissors, and knives. Materials

include, but are not limited to, high tensile steel and carbide tipped blades. Machinery includes, but is not limited to, saws, mills, drills, and hand tools. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; establishments engaged in the repair or sharpening of chain saws which are to be reported separately in classification 3402-06; and establishments engaged in the manufacture or repair of electrical saws which are to be reported separately in classification 5201.

### **3402-28 Heat treating metal**

Applies to establishments engaged in heat treating metal. The heat treating process may use computer numeric controlled ovens or furnaces. The oven may heat up to 1200 degrees Fahrenheit and a furnace may heat up to 2000 degrees Fahrenheit. The metal(s) is placed on a platform; the platform is hydraulically moved into the first chamber and the door is automatically closed. At this time, the oxygen is burned from the chamber. Then the second chamber door is opened and the metal enters the oven/furnace. Depending upon the specifications, the heat treating process usually takes six to sixteen hours. When the metal is finished in the heating chamber it returns automatically to the first chamber. Then the platform lowers and the metals are dipped into a cooling agent. Once the metals are cooled to room temperature the platform rises, the door opens, and the materials are removed. The process is essentially the same using noncomputer numeric controlled heat treating equipment except that, rather than being hydraulically operated, the machine operators move the metals through the system. Many establishments do not produce a product, but heat treat a variety of products to customer specifications. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

### **3402-29 Nut, bolt, screw, nail, tack, rivet, eyelet spike, needle, N.O.C.: Manufacturing** **Sprinkler head, speedometer, carburetor: Manufacturing or assembly**

Applies to establishments engaged in the manufacture of nuts, bolts, screws, nails, tacks, rivets, eyelets, spikes, and



needles not covered by another classification (N.O.C.). This classification also applies to establishments engaged in the manufacture or assembly of sprinkler heads, speedometers, or carburetors. Materials include, but are not limited to, steel or iron rods which may be pressed or formed, and small component parts. Machinery includes, but is not limited to, saws, shears, presses, chuckers, threading and tapping machines, some of which may be Computer Numeric Controlled (CNC). Establishments may have separate areas for deburring, inspecting, packing and shipping. The carburetor rebuilding may be performed on vehicles that are driven or towed into the shop, or on carburetors that have been already removed from the vehicles. In either case the repairs are made exclusively with hand and air tools and sometimes a diagnostic scope and a drill press. A speedometer is usually embodied with a mileage recording mechanism. The central feature of the device is a permanent magnet. There are gears, spindles, and a drive shaft present in most speedometers. There is also a unit counting disc and a spiral spring calibrator. Hand tools are used almost exclusively in the repair of this kind of speedometer. Today many speedometers are computer controlled. Basically, if this kind of speedometer is in need of repair, a computer chip(s) is replaced, using hand tools. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in the manufacture of hardware that is not covered under another classification, such as handles, latches, and hinges which are to be reported separately in classification 3404, and the repair of speedometers or carburetors in a vehicle which is to be reported separately in the appropriate vehicle repair classification.

### **3402-32 Abrasive wheel: Manufacturing**

Applies to establishments engaged in the manufacture of abrasive wheels. Manufacturing operations often include a laboratory where carbon and other materials are mixed together to form the abrasive edge of the mainly high tensile steel wheels. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent

yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3402-40 Welding or cutting, N.O.C. (mobile operations limited to repair of equipment and machinery)**

Applies to establishments engaged in welding or cutting operations not covered by another classification (N.O.C.) either in the shop or at the customer's site. Steel is the predominant material along with some aluminum alloys. Machinery is predominantly welding equipment, but may include tools such as, but not limited to, grinders, saws, drills, and material handling equipment. This classification also includes "mobile shops" which are used exclusively to repair machinery or equipment. A "mobile shop" in this classification usually means a van or pick up pulling a utility trailer equipped with hand tools, specialty tools, air tools, a compressor, and a portable welding unit. The machinery or equipment is usually repaired at the customer's location, sometimes with the use of the customer's equipment; however, broken parts may be removed and taken back to the shop for repair.

This classification excludes repairs to buildings or structures which are to be reported separately in the appropriate construction classification and mechanical repairs which are to be reported separately in the classification applicable to the work being performed.

**3402-48 Automobile or truck, radiator and heater core: Manufacturing and repair shops**

Applies to establishments engaged in the manufacture and/or repair of automobile or truck radiator and heater cores. Manufacturers in this classification may have a die casting area and a separate electronic assembly area. Tools and equipment include, but are not limited to, hand tools, solder guns, and punches. Shops that repair radiators may work on the radiators in the vehicles, but usually the radiators have been removed from the vehicle. The radiator is examined and the core may be removed. Next the radiator is cleaned, air pressurized, and dipped in a water tank to check it for leaks. Once the leaks are found they can generally be repaired by welding the holes shut. The radiator is dipped again to ensure the repair has been made properly. Cleaning the radiator may be done by sandblasting, ultra sound baths or by "rodding" the radiator to remove corrosion. Repair equipment includes, but is not limited to, welders, air and hand tools, dipping tanks, hoists, and forklifts. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the

manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3402-60 Office machinery, N.O.C.: Manufacturing or assembly; Cash register or sewing machines: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of cash registers, sewing machines and office machinery not covered by another classification (N.O.C.) such as, but not limited to, copiers, collators, mail/postage machines, calculators and automatic letter openers. Component parts may be metal, plastic, or wood. Operations include, but are not limited to, cutting, shaping, forming, drilling, riveting, clamping, and bolting; there may be a separate electronic assembly area. Machinery and tools vary within this classification; some establishments use hand and air tools only, others use additional equipment such as, but not limited to, saws, lathes, mills, drills, or water jets, some of which may be Computer Numeric Controlled (CNC). This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3402-61 Small arms: Manufacturing, assembly, or rebuild**

Applies to establishments engaged in the manufacture, assembly, or rebuild of small arms. For the purpose of this classification, small arms means .50 caliber or less, such as pistols, rifles, shotguns, and light machine guns. Operations include, but are not limited to, metal stamping of casings, machining, assembling, and a high proportion of inspecting. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; establishments engaged in the manufacture of ammunition which is to be reported separately in classification

4601; the manufacture or repair of heavy arms which is to be reported separately in classification 5109; and gun stores which are to be reported separately in classification 6309.

**3402-74 Tool: Manufacturing, not hot forming or stamping; Die: Manufacturing - ferrous**

Applies to establishments engaged in tool manufacturing or die manufacturing, for others, from ferrous materials. Tools manufactured in this classification are usually cutting tools used in lathes, mills, rotors, and saws. Machinery includes, but is not limited to, sharpeners, grinders, lathes and mills, which are both manual or Computer Numeric Controlled (CNC). The die manufacturing included in this classification includes those made exclusively of ferrous materials including, but not limited to, jigs, fixtures, and dies for metal work in general. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in the manufacture of machine-finished tools which are to be reported separately in classification 3402-83.

**3402-77 Auto, truck, semi-trailer and bus body: Manufacturing; Travel trailer body: Manufacturing or repair**

Applies to establishments engaged in the manufacture of auto, truck, and bus bodies, and in the manufacture or repair of travel trailer bodies or cargo containers. Repairs are usually made with the use of welders or cutting torches and air or hand tools. These establishments will also repair or replace hydraulic units. Material used in the manufacture of goods in this classification is usually steel and aluminum, varying in thickness from 16 gauge to plate metal up to one inch thick. Shapes include, but are not limited to, sheet metal, tubes, solid rod or I-beams. Equipment includes, but is not limited to, shears, breaks, hydraulic presses, iron workers, drill presses, grinders, welders, hoist, cranes, and forklifts. Shops may have a finish sanding area as well as a paint area where the vehicle bodies are sprayed with primer, a body bonding material, or a finish coat of paint. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being

performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

### **3402-83 Tool: Manufacturing and machine finishing**

Applies to establishments engaged in manufacturing and machine finishing tools. Tools manufactured in this classification are usually hand held instruments such as, but not limited to, wrenches, screw drivers, hammers, torque wrenches, pliers, and sockets. Machinery includes, but is not limited to, air and hand tools, polishers, grinders, inspection equipment, mills, lathes, shapers, and drill presses, some of which may be Computer Numeric Control (CNC). Establishments may have a galvanizing and/or electroplating area for the finish work which is included when performed by employees of employers subject to this classification. Other establishments in this classification send the finish work out. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; establishments engaged in the manufacture of tools from ferrous materials which are to be reported separately in classification 3402-74; and establishments engaged in tool forging which are to be reported separately in classification 5106.

### **3402-85 Auto or truck parts: Machining or rebuild not in vehicle**

Applies to establishments engaged in machining or rebuilding auto or truck parts such as, but not limited to, water pumps, fuel pumps, transmissions, heads, brake drums, ball joints, and rear ends, which are not in the vehicle. Work contemplated in this classification may also include manufacturing sockets, pulleys, shafts, fittings, flywheels, and/or bearings. Machinery includes, but is not limited to, mills, lathes, grinders, sanders, presses, welders, and balancing equipment. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in manufacturing or rebuilding auto, truck, or aircraft engines which are to be reported separately in classification 3402-86.

**3402-86 Auto, truck or aircraft engine, N.O.C.: Manufacturing or rebuilding**

Applies to establishments engaged in manufacturing or rebuilding auto, truck, or aircraft engines not covered by another classification (N.O.C.), including manufacturing the component parts. Establishments in this classification often specialize in the type of engines they make or rebuild. The basic difference between automobile, truck, and aircraft engines is the size and weight of the parts being worked on. Engine rebuild shops use many specialized machines and air tools to tear the core down to an engine block; then rebuild the engine. After the engine is stripped down to the engine block, it is placed in a machine called a baker which heats to approximately 600 degrees and bakes away the grease. After baking, the engine block is placed in a sand blaster where the surface is cleaned with very fine steel shot. The engine block is then placed in a large pressure washer which removes the steel shot. Next, the crank and cam shafts are ground and turned on machinery similar to lathes. There is usually a separate room or area which is called the "head shop" where the heads and valves are machined on valve grinders, valve facers, and head grinders. Engine rebuild shops that do not have the equipment to grind the crank and cam shafts will contract work out to other shops, or buy new crank shafts and cam shafts. Other machinery includes, but is not limited to, boring bars and hones to polish cylinder walls, small pressure washers for oil pans and other smaller parts, solvent tanks, and hoists or forklifts for lifting the engines or engine parts. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in machining or rebuilding auto or truck parts, other than engines, which are to be reported separately in classification 3402-85.

**3402-91 Bed spring or wire mattress: Manufacturing**

Applies to establishments engaged in the manufacture of bed springs or wire mattresses. The wire stock is coiled and cut to length on a coiling machine, then tempered in an oven to produce the spring. The coils are fastened to the frame either by hand or by machine. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the

manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in the manufacture of stuffed mattresses which are to be reported separately in classification 3708.

#### **3402-93 Valve: Manufacturing**

Applies to establishments engaged in the manufacture of valves. Valves regulate the flow of air, gases, liquids, or loose material through structures by opening, closing, or obstructing passageways. They are operated manually, electrically, with compressed air, or hydraulic pressure. Valves are usually cut from aluminum, steel, or stainless steel either by a Computer Numeric Controlled machine (CNC) or water jet machine. Depending upon the complexity of the valve, they are assembled in one or several stages. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in the manufacture of valves made in a die mold which are to be reported separately in classification 3402-74.

#### **3402-94 Precision machined parts, N.O.C.: Manufacturing**

Applies to establishments engaged in manufacturing precision machined parts not covered by another classification (N.O.C.). Most of these establishments are "job shops." Job shops make component parts for other businesses according to customer specifications, rather than manufacturing a specific product. Many establishments in this classification manufacture precision parts for the aerospace industry. Machining usually begins with solid blocks of material such as, but not limited to, steel, aluminum, titanium, inconel, or plastic, although some hollow tube, flat bar, and angle stock may also be used. The "rough cuts" are often made on manual machines, and the finish cuts on Computer Numeric Controlled (CNC) machines. Depending on the establishment and the job specifications, a specific part may be sent to one or more additional shops to be tempered, milled, or inspected before the original establishment is through with the manufacturing process. Some parts are so sensitive that climate controlled conditions are necessary. Both manual and CNC mills and lathes are the most common types

of machines used. Others include, but are not limited to, saws, drills, and grinding machines. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

### **3402-95 Storage battery: Manufacturing, assembly or repair**

Applies to establishments engaged in the manufacture, assembly, or repair of storage batteries. Lead ingots, weighing 20-25 pounds, are melted and poured into a mold or casting machine. After the grids are cooled lead oxide is then pumped onto each side of a grid and cured by baking in an oven of about 300 - 400 degrees F. The plates are then assembled by placing a negative separator (zinc) between a positive separator (copper), and so forth until there are enough of these cells to form the battery. Next, they are sent to a burning machine that cures the paste and plates. After the burning process, the plates are placed into a plastic or hard rubber box-like container and cured for two or three days. The plates are welded together and the top is attached to the body of the battery case with an epoxy glue. Diluted sulfuric acid is added to the battery and then it is put on a charger. The battery is then cleaned and packed for shipping. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; establishments engaged in the manufacture of dry cell (flashlight type) batteries which are to be reported separately in classification 3602; and establishments engaged in battery sales and installation which are to be reported separately in the applicable automotive services classification.

### **3402-96 Automobile or motorcycle: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of automobiles or motorcycles. Most of the manufacturing operations, such as cutting, milling, and turning, are performed with Computer Numerically Controlled (CNC) machinery. Most of the assembly operations are performed with air and hand tools. Other machinery includes but is not limited



to saws, grinders, and drill presses. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged only in the manufacture of auto bodies which are to be reported separately in classification 3402-77.

### **3402-98 Machinery, N.O.C.: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of machinery not covered by another classification (N.O.C.). For purposes of this classification, machinery means any combination of mechanical parts constructed primarily with metal. Finished products vary widely and range from hand held machines to those weighing thousands of pounds; products include, but are not limited to, grinding machines, boring machines, conveyer systems, and wood chippers. Machinery used to manufacture these items includes, but is not limited to, lathes, mills, press, breaks, shears, and welders, some of which may be Computer Numerically Controlled (CNC). This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

### **3402-99 Photo processing machinery: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of photo processing machinery such as, but not limited to, photo processors or film enlargers. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification when the repair is done as a part of and in connection with the manufacturing or assembly operation. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

## NEW SECTION

### **WAC 296-17-58105 Classification 3404.**

#### **3404-01 Can: Manufacturing - aluminum or galvanized**

Applies to establishments engaged in the manufacture of cans from aluminum or galvanized metals lighter than 9 gauge. Products include, but are not limited to, soda cans, food cans, and garbage cans. The galvanizing process includes dipping the tin/metal into liquid zinc. The manufacturing process involves cutting, forming, stamping, and soldering/welding. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

#### **3404-02 Galvanized iron works: Manufacturing - nonstructural**

Applies to establishments engaged in the manufacture of nonstructural galvanized iron from sheet metal lighter than 9 gauge. Processes include cutting, forming, welding, riveting, punching, and drilling. The equipment used includes, but is not limited to, drills, presses, punches, shears, and press breaks. Establishments in this classification may paint, powder coat, or silk screen their products; which is included when performed by employees of employers subject to this classification. This classification includes the repair of items being manufactured or assembled when done by employees of employers subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

#### **3404-03 Hardware, N.O.C.: Manufacturing**

Applies to establishments engaged in the manufacture of hardware that is not covered by another classification (N.O.C.), such as, but not limited to, handles, latches, hinges, and buckles. Operations include, but are not limited to, stamping

and assembly, electroplating and/or other types of finishing. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant and establishments engaged in the manufacture of nuts, bolts, screws, nails, tacks, rivets, eyelets, spikes, and needles which are to be reported separately in classification 3402.

#### **3404-04 Metal stamping**

Applies to establishments engaged in the mass production of products by metal stamping techniques which impress, cut out, or shape something to a desired size. Products produced by this technique include, but are not limited to, license plates, pie plates, pots, and waste baskets. This classification includes any finish work when performed by employees of employers subject to this classification. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

#### **3404-06 Metal sign: Manufacturing**

Applies to establishments engaged in the manufacture of signs from metals lighter than 9 gauge. Materials may be cut, punched, drilled, riveted, and welded. Machinery includes, but is not limited to, punches, presses, drills, shears, brake presses, water jets and welders. All operations necessary to make a sign operative, such as, but not limited to, adding electrical wiring or circuitry, painting, powder coating, or silk screening are included within the scope of this classification. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having

operations subject to this classification.

This classification excludes all activities away from the shop or plant; the installation or removal of signs outside of buildings which is to be reported separately in classification 0403; the installation or removal of signs inside of buildings which is to be reported separately in classification 0513; sign painting or lettering on the inside of buildings, or establishments that paint on or apply lettering to sign "backings" that are manufactured by others, which is to be reported separately in classification 4109; and establishments engaged in the manufacture of wood or plastic signs which are to be reported separately in the classification applicable to the manufacturing process and materials.

**3404-07 Metal goods, N.O.C.: Manufacturing or assembly from materials lighter than 9 gauge**

Applies to establishments engaged in the manufacture or assembly of metal goods from materials lighter than 9 gauge which are not covered by another classification (N.O.C.) including water heaters, electric baseboard heaters, electric furnaces and bicycles. Materials may be cut, punched, drilled, riveted, and welded. Machinery includes, but is not limited to, punches, presses, drills, shears, brake presses, and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3404-12 Aluminum ware: Manufacturing from sheet aluminum**

Applies to establishments engaged in the manufacture of aluminum ware such as, but not limited to, mail boxes, buckets, gutters, and down spouts, from sheet aluminum. Materials may be cut, bent, punched, drilled, riveted, and welded. Machinery includes, but is not limited to, punches, presses, drills, shears, brake presses, and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3404-18 Metal coffin/casket: Manufacturing or assembly**

Applies to establishments engaged in the manufacture of coffins or caskets out of metal. Materials may be cut, bent, punched, drilled, riveted, and welded. Machinery includes, but is not limited to, punches, presses, drills, shears, break presses, and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification. Physically separated upholstery departments of establishments engaged in furniture, coffin, casket manufacturing, assembly, or finishing may be reported separately in classification 3808 provided all the conditions in the general reporting rule covering the division of an employees hours have been met.

This classification excludes all activities away from the shop or plant, and establishments engaged in the manufacture of caskets from wood or plastic which are to be reported separately in the classification applicable to the manufacturing process and materials.

**3404-19 Metal awnings: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of awnings from metals lighter than 9 gauge. Materials may be cut, punched, drilled, riveted, and bent. Machinery includes, but is not limited to, punches, presses, drills, shears, brake presses, and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant, and establishments engaged in the manufacture of awnings from canvas or other textiles which is to be reported separately in classification 3802.

**3404-20 Metal furniture, shower door, showcases: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of furniture, shower doors, or showcases made with metals lighter than 9 gauge. Other items manufactured in this classification include, but are not limited to, file cabinets, desks, and stands. Material may be cut, punched, drilled,

riveted, and bent. Machinery includes, but is not limited to, punches, presses, drills, shears, brake presses, and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification. Physically separated upholstery departments of establishments engaged in furniture, coffin, casket manufacturing, assembly, or finishing may be reported separately in classification 3808, provided all the conditions of the general reporting rule covering the division of an employee's hours have been met.

This classification excludes all activities away from the shop or plant and establishments engaged in the manufacture of wood furniture which are to be reported separately in classification 2905.

#### **3404-21 Stove: Manufacturing from metals lighter than 9 gauge**

Applies to establishments engaged in the manufacture of stoves from metals *lighter than 9 gauge*. Types of stoves include, but are not limited to, electric or gas cook stoves. Accessory materials such as, but not limited to, electrical assembly units, glass, plastic, or wood may be used in the manufacture of stoves. Materials may be cut, punched, drilled, riveted, and bent. Establishments in this classification may paint or powder coat their products which is included when performed by employees of employers subject to this classification. Machinery includes, but is not limited to, punches, presses, drills, shears, brake presses, grinders and welders. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant, and establishments engaged in the manufacture of wood stoves or other stoves made of metals 9 gauge or heavier which are to be reported separately in classification 3402.

#### **3404-24 Metal electric or gas lighting fixtures, lampshades or lantern: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of metal fixtures, lampshades, or lanterns from materials lighter than 9 gauge. The metal fixtures may be

equipped with electrical or gas lighting and used as signs or other display mediums. Metal may be cut, punched, drilled, riveted, and bent. Depending on the item being made, electrical or gas-filled tubes or bulbs may be attached. Machinery includes, but is not limited to, punches, presses, drills, shears, break presses, grinders, welders, and solders. Establishments in this classification may make a finished product or only component pieces. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes establishments engaged in the manufacture of neon tube signs or displays that are not attached to metal backings which are to be reported separately in classification 3602, and all activities away from the shop or plant.

#### **3404-25 Brass or copper goods: Manufacturing**

Applies to establishments engaged in the manufacture of brass or copper goods such as, but not limited to, belt buckles, lamp stands, cooking utensils, and flower pots. Materials may be cut, punched, drilled, riveted, and bent. Machinery includes, but is not limited to, punches, presses, drills, shears, break presses, water jets, grinders, welders/solders and brazing guns. Establishments in this classification may make a finished product or a component part. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

#### **3404-26 Aluminum window, sash or door: Manufacturing or assembly**

Applies to establishments engaged in the manufacture or assembly of windows, sashes or doors from aluminum. Accessory materials such as, but not limited to, glass, wood or plastic may also be used in the assembly process. Materials may be cut, punched, drilled, riveted, and bent. Machinery includes, but is not limited to, punches, presses, drills, shears, break presses, grinders, and welders/solders. Establishments in this classification may make a finished product or only component

parts. Manufacturers may paint, enamel, or bake a finish onto products, which is included when performed by employees of employers subject to this classification. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant; establishments engaged in manufacturing vinyl window sashes which are to be reported separately in classification 3512; and establishments engaged in manufacturing wooden window sashes and doors which are to be reported separately in classification 2903.

**3404-27 Auto or truck parts, N.O.C.: Manufacturing or assembly; miscellaneous stamped parts**

Applies to establishments engaged in the manufacture or assembly of auto or truck parts not covered by another classification (N.O.C.), and of miscellaneous stamped parts, such as, but not limited to, hub caps, fenders, and trim. Galvanizing or electroplating is included in this classification when performed by employees of employers subject to this classification. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

**3404-29 Metal ski and toboggan: Manufacturing**

Applies to establishments engaged in the manufacture of skies or toboggans primarily from metal although wood or plastic component parts may also be used. Materials may be cut, punched, drilled, riveted, and bent. Machinery includes, but is not limited to, punches, presses, drills, water jets, shears, break presses, grinders, and welders/solders. Establishments in this classification may make a finished product or only a component part. This classification includes the repair of items being manufactured or assembled when done by employees of an employer having operations subject to this classification and when the repair work is done as a part of, and in connection with, the manufacturing or assembly operations. This is a shop or plant only classification; it includes work being performed



in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes all activities away from the shop or plant.

#### NEW SECTION

##### **WAC 296-17-66901 Classification 5109.**

##### **5109-46 Heavy machinery & equipment including locomotive engines: Manufacture or repair; Press roller recoating/resurfacing**

Applies to establishments engaged in the manufacture, assembly, and repair of heavy equipment. Machinery and equipment subject to this classification are usually made of steel and steel/iron castings and include, but are not limited to, bulldozers, dump trucks, graders, skidders, forklifts and logging towers. The component parts may weigh several hundred to thousands of pounds. Overhead cranes are commonly used in the assembly process. Machinery used in the manufacturing, assembly, and repair includes, but is not limited to, boring mills, lathes, iron workers, welders/cutters, cut saws, and drills. Some establishments use CNC (computer numeric controlled) machinery; however, most establishments in this classification primarily use manual machinery and conventional welders/cutters. Other common operations covered by this classification include paint, welding, and electronic assembly areas. This classification also includes establishments that repair, recoat or resurface press rollers such as, but not limited to, the type rollers used by printing and paper making mills. Operations include repairing the interior shafts of the rollers, then grinding fiberglass or ceramic finishes until they are smooth. For rubber-coated surfaces, they remove the old rubber from the metal surface, sandblast the roller, then recoat it with new rubber. Most establishments that recoat the surface with rubber will mix and extrude their own rubber which is included in this classification when performed by employees of employers subject to this classification.

**Special note:** Field work as well as shop work is contemplated as an integral part of this classification. A vehicle may be equipped with welding equipment and other tools used for field repair. The broken part may be replaced in the field or returned to the shop, repaired if feasible, or a new part is ordered. The part is then loaded onto the field vehicle taken to the job site and reconnected. Some establishments perform this type of field work almost exclusively.

#### **5109-47 Heavy arms: Manufacturing or repair**

Applies to establishments engaged in the manufacture or repair of heavy arms including large munitions. This classification applies to all types of guns 20 MM and larger including, but not limited to, aircraft guns, tank guns, naval guns, torpedoes and aircraft gun turrets.

**Special note:** Field work as well as shop work is contemplated as an integral part of this classification. A vehicle may be equipped with welding equipment and other tools used for field repair. The broken part may be replaced in the field or returned to the shop, repaired if feasible, or a new part is ordered. The part is then loaded onto the field vehicle taken to the job site and reconnected. Some establishments perform this type of field work almost exclusively.

#### NEW SECTION

#### **WAC 296-17-67603 Classification 5208.**

#### **5208-00 Iron or steel works: Fabrication or assembly - structural iron or steel**

Applies to establishments engaged in the fabrication or assembly of structural iron or steel. Structural in this classification will mean when fabricated for and used in the frame or grid work of a building, tower, bridge, or similar construction. Fabrication means the laying out of the pieces, the marking, cutting, sawing, drilling, punching, bolting, welding, assembling and finishing of the structural steel products. Raw materials include, but are not limited to, steel I-beams, tube steel, angle steel, and flat steel. Machinery includes overhead cranes, horizontal and vertical band saws, shears, punches, drill press, brake presses, and welding equipment. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes the erection of structural iron or steel in connection with towers, refineries, elevated railways, and buildings which is to be reported separately in the applicable iron or steel construction classification; contractors engaged in building construction who are to be reported separately in the applicable iron or steel construction class; bridge construction, including structural iron or steel erection, which is to be reported separately in the classification applicable to the work being performed; and manufacturing of rebar for construction which is to be reported

separately in classification 5209.

**5208-01 Brass, bronze, iron - ornamental: Shop fabrication, assembly or manufacture**

Applies to establishments engaged in the manufacture, fabrication, or assembly of ornamental items from brass, bronze and/or iron. Products include, but are not limited to, railings, guards, staircases, fire escapes, and art items. Products are often light and do not require cranes or hoists to move them. The processes vary depending on the product being produced. The equipment includes, but is not limited to, iron workers, shears, drill presses, band saws, forklifts, welders, and grinders. The painting of products manufactured is included in this classification when performed by employees of employers subject to this classification. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes installation which is to be reported separately in the classification applicable to the work being performed.

**5208-02 Iron works: Fabrication, assembly, or manufacture; nonstructural iron or steel**

Applies to establishments engaged in the manufacture, fabrication or assembly of nonstructural iron or steel. Fabrication means the laying out of the pieces, the marking, cutting, sawing, drilling, punching, bolting, welding, assembling and finishing operations including painting. Products include, but are not limited to, cattle crossing grates, window gratings, grill pieces, and storage racks used by warehouses. Equipment includes, but is not limited to, cut saws, welders, drill presses, grinders, band saws, and hoists. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes installation which is to be reported separately in the classification applicable to the work being performed.

NEW SECTION

**WAC 296-17-67604 Classification 5209.**

**5209-00 Boiler or tank construction**

Applies to establishments engaged in the construction of boilers or steel tanks. Boilers are tanks used to either store

hot water or make steam. Tanks may be used to hold products such as, but not limited to, sand and gravel, water, solid waste or fuels. The product is constructed from steel plate and may use I-beams for structural support. The materials may be purchased in bulk, if the business has the brake presses and rollers to cut and shape the metals to the appropriate dimensions, or as fabricated components. These establishments may also use cutting torches and other welding equipment in the manufacture of their products. They usually have a large shop area in one or more buildings that is equipped with overhead cranes. There is usually a yard to store raw materials, work-in-process, and finished goods. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes installation of boilers or tanks which is to be reported separately in the classification applicable to the work being performed.

#### **5209-01 Metal goods, N.O.C. from 9 gauge or heavier metals**

Applies to establishments engaged in the manufacture of goods using ferrous and nonferrous metal of 9 gauge or heavier. 9 gauge metals are approximately 1/8" thick. Items manufactured include, but are not limited to, crab pots, gaff hooks, firewood boxes, rims for basketball hoops, and rebar. Raw material is cut to desired size with saws, shears, brake presses, punches, and flame cutters. Parts may be joined by welding, riveting, screwing, or bolting. The parts may be handled by overhead cranes, hoists, and forklifts. The products may be finished in a variety of ways including, but not limited to, sanding, grinding, cleaning with solvents and applying paint or lacquer. Finish work is included in this classification when performed by employees of employers subject to this classification. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.

This classification excludes establishments primarily engaged in structural iron or steel manufacturing which are to be reported separately in classification 5208; establishments primarily engaged in welding and machine shop activities which are to be reported separately in classification 3402; and establishments primarily engaged in manufacturing products from metal lighter than 9 gauge which are to be reported separately in classification 3404.

#### **5209-02 Wood or pellet burning stove: Manufacturing**

***(to be assigned only by classification services staff)***

Applies to establishments engaged in the manufacture of wood or pellet burning stoves. Sheet steel or plate metal is

sheared, formed, punched, baked and decreased. Parts are assembled by spot welding, then enameled or painted. Grey iron parts are foundry cast, chipped, and ground. Heating elements, insulation, wiring and control assemblies, glass panels and grey iron parts are assembled into stove shells on the production assembly line. The stoves are then packed for shipment. Materials include, but are not limited to, sheet steel, grey iron or ferrous castings, insulation materials, glass, aluminum and brass tubing control assemblies, chrome trim and hardware, and paints and enamels. Equipment includes, but is not limited to, power presses, shears, brake presses, welding equipment, spray painting equipment, baking oven, pneumatic and electric grinders and chippers, and pneumatic tools. This is a shop or plant only classification; it includes work being performed in an adjacent yard when operated by an employer having operations subject to this classification.